APPENDIX B: CLEAN COPY OF THE AMENDED CLAIMS

1.-22. CANCELED

23. (Currently Amended) A method for inducing an anti-tumor response in a human patient suffering from a tumor, which method comprises administering to the patient in the following order:

(a) on the first day of treatment, a first composition comprising from about 2 x 10^5 to 2.5 x 10^8 of at least one of autologous tumor cells or autologous tumor cell equivalents free from any adjuvant;

(b) four to seven days after initiation of the treatment, cyclophosphamide; and

(c) at least one week after initiation of the treatment, a second composition comprising an adjuvant and from about 2 x10^5 to about 1 x 10^7 of at least one of autologous tumor cells or tumor cell equivalents, wherein said tumor cells or tumor cell equivalents are conjugated to hapten, wherein the hapten is selected from the group consisting of dinitrophenyl, trinitrophenyl, N-iodoacetyl-N'- (5-sulfonic 1 -naphthyl) ethylene diamine, trinitrobenzenesulfonic acid, fluorescein isothiocyanate, arsenic acid benzene isothiocyanate, sulfanilic acid, arsanilic acid, dinitrobenzene-S-mustard and combinations thereof, wherein said method results in at least one of an anti-tumor response, therapeutic regression of a tumor or prevention of tumor progression.

24. (Currently Amended) The method in claim 23, in which the adjuvant in said step (c) is *Bacille Calmette-Guerin.*

25. (Currently Amended) The method of claim 23, wherein the tumor cells or tumor cell equivalents in said step (a) are haptenized with a hapten selected from the group consisting of dinitrophenyl, trinitrophenyl, N-iodoacetyl-N'- (5-sulfonic 1 -naphthyl) ethylene diamine,

trinitrobenzenesulfonic acid, fluorescein isothiocyanate, arsenic acid benzene isothiocyanate, sulfanilic acid, arsanilic acid, dinitrobenzene-S-mustard and combinations thereof.

26. (Currently Amended) The method of claim 23, wherein the tumor cells or tumor cell equivalents in said step (a) are a mixture of haptenized and non-haptenized tumor cells or tumor cell equivalents.

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29. (Currently Amended) The method of claim 23, wherein the hapten is dinitrophenyl.

30. (Currently Amended) The method of claim 23, wherein the tumor cell equivalents in said step (a) or said step (c) comprise tumor cell membrane components.

31. (Currently Amended) The method of claim 23, wherein the tumor cell equivalents in said step (a) or said step (c) comprise tumor cell polypeptides.

32. (Currently Amended) The method of claim 23, wherein the tumor cells or tumor cell equivalents originate from a tumor selected from the group consisting of melanoma, ovarian cancer, colon cancer, breast cancer, rectal cancer, lung cancer, kidney cancer, prostate cancer, and leukemia.

33. (Currently Amended) The method of clam 32, wherein the tumor is melanoma.

34. (Currently Amended) The method of claim 32, wherein the tumor is ovarian cancer.

35. (Currently Amended) The method of claim 23, wherein the tumor cell or tumor cell equivalents are rendered incapable of growth or multiplication *in vivo*.

36. (Currently Amended) The method of claim 35, wherein the tumor cell or tumor cell equivalents are rendered incapable of growth or multiplication *in vivo* by irradiation.

37. (Currently Amended) The method of claim 35, wherein the tumor cells or tumor cell equivalents are rendered incapable of growth or multiplication *in vivo* by haptenization.

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43. (Currently Amended) The method of claim 23, wherein the adjuvant in said step (c) is selected from the group consisting of *Bacille Calmette-Guerin*, Q-21, and detoxified endotoxin.

44. (Previously Presented) The method of claim 23, wherein the patient is a human.

45. (Currently Amended) The method of claim 23, wherein the cyclophosphamide is administered 5 to 7 days after administration of the first composition.

46. (Currently Amended) A method for inducing an anti-tumor response in a human patient suffering from a tumor, which method comprises administering to the patient in the following order:

(a) a composition comprising from about 2×10^5 to about 2.5×10^6 of at least one of tumor cells or tumor cell equivalents per dose, without any adjuvant, wherein the tumor cells or tumor cell equivalents are conjugated to a hapten, and rendered incapable of growth or multiplication in vivo;

(b) cyclophosphamide; and

(c) a second composition comprising an adjuvant and from about 2×10^5 to about 2.5×10^6 of at least one of tumor cells or tumor cell equivalents, wherein the tumor cell or tumor cell equivalents are conjugated to a hapten,

wherein the hapten in steps (a) and (c) is the same or different, and is selected from the group consisting of dinitrophenyl, trinitrophenyl, N-iodoacetyl-N'-(5-sulfonic 1-naphthyl) ethylene diamine, trinitrobenzenesulfonic acid, fluorescein isothiocyanate, arsenic acid benzene isothiocyanate, sulfanilic acid, arsanilic acid, dinitrobenzene-S-mustard and combinations thereof, and

wherein said method results in at least one of an anti-tumor response, therapeutic regression of a tumor or prevention of tumor progression.

47. (Currently Amended) The method of claim 46, wherein the hapten in said steps (a) and (c) is dinitrophenyl.

48. (Previously Presented) The method of claim 46, wherein the tumor is melanoma.

49. (Previously Presented) The method of claim 46, wherein the tumor is ovarian cancer.

50. (Previously Presented) The method of claim 46, wherein the adjuvant is selected from the group consisting of *Bacille-Calmette-Guerin*, Q-21, and detoxified endotoxin.

51.-54. CANCELED

55. (Currently Amended) A method for inducing an anti-tumor response in a mammalian patient suffering from a tumor, which, method comprises administering to the patient:

(a) on the first day of treatment, a composition comprising 2×10^5 to 2.5×10^6 haptenized autologous tumor cells free from any adjuvant;

(b) four to seven days after initiation of the treatment, cyclophosphamide; and

(c) at least one week after initiation of the treatment, a second composition comprising an adjuvant and 2×10^5 to 1×10^7 haptenized autologous tumor cells

wherein the cells in said steps (a) and (c) are haptenized with dinitrophenyl, and

wherein said method results in at least one of an anti-tumor response, therapeutic regression of a tumor or prevention of tumor progression.

56. (Currently Amended) The method of claim 55, in which the adjuvant in said step (c) is *Bacille Calmette-Guerin*.